

From: Eby, Jerald L

Sent: Monday, March 07, 2005 7:07 AM

Subject: Hanford ALARA Center Activities for the Week of February 28, 2005

Attachments: fixative 3a.doc; 2005-12boxcover.doc

Visit the Hanford ALARA Center website at: www.hanford.gov/alara/

1. Larry attended the Waste Management Conference in Tucson, AZ, the first part of this week. Besides attending meetings and checking out the 160 vendor stalls, Larry gave a presentation on "Innovative ALARA Techniques and Work Practices Used at Hanford for D&D". Following the conference Larry went to Los Alamos DOE facility, to give presentations on the Hanford ALARA Center and the Center training activities. He planned to have other meetings with the Los Alamos folks on other topics.

The Center held the monthly Site ALARA Council meeting at 2420 Steven Center on Thursday.

2. PFP called the Center looking for leaded rubber matting to lay on the floor to reduce whole body radiation levels. They wanted the matting in four foot by ten foot section and light enough for two people to put down and take up in multiple layers of PPE. Contact three shielding vendor with no success. One vendor could supply matting sown with lead shielding. But in order to get an effective shielding thickness, the matting would be too heavy for easy installation and removal. The Center is continuing to review this item.

PFP design engineer visited the Center gathering information on SWB's for packaging pencil tanks at PRF. The Center has a SWB in our training area for use if the need arises. PFP Program Manager contacted the Center for information on fixatives used on site. The latest updated copy was sent. The Center maintains a list, which is update routinely. See attachment for the latest list.

PFP engineering borrowed a CS Unitec deep throat band Saw for mock-up training in the next couple weeks at PFP. Web site at: www.csunitec.com. Talked with Unitec Management and found the local distributor of CS Unitec products is Safway Supply in Spokane, phone 1-800-348-4808, Rick Thomas.

FH HP visited the Center looking for a camera, less than 1/2" dia. Contact Everest VIT rep. Made arrangements for the vendor to visit 327 Area this week. 327 RadCon personnel are continuing with the visit preparation and possible actual video inspection of equipment at Building 327 A-Cell. Website at: www.everestvit.com.

A couple of FGG employees came to the Center looking for information on collection of contaminated paint chips. The Center suggested they use a rock stopper (chip collector in line) before the HEPA vacuum cleaner to collect the paint debris. In addition, suggest they have an in line filter between the rock stopper and the vacuum. Or simply attach a piece of prefilter material on the discharge tube inside the rock stopper to collect the small particles. Gave them a 12" prefilter disc and sent them to the Fab Shop to have a rock stopper built. The work to be performed is a T-Plant, removing floor paint (multiple layers) in preparation of gluing down base plates. They are going to use a FX Shrouded tool for the removal, using the heavy concrete scabble head in the tool. Website at: www.descomfg.com.

3. CH2M Hill borrowed a Desco FX Shrouded tool and a Desco Shrouded Needle gun. (This entry is a continuation of last weeks report, item #5.) They will replace the tools with a new ones. The work is within a zone, removing contaminated paints from a large steel cylinder, in preparation of welding structure to the cylinder. The cylinder is located in a HRA/HCA/ARA. Received information from CH2M Hill that the work had been accomplished using the shrouded tool with a great deal of success. Website at: www.descomfg.com. The Center supplied CH2M Hill with the information to correctly order the new shrouded needle gun used for the operation.

CH2M Hill have a number of large components to be cut up and packaged for disposal. A CH2M Rad Planner visited the Center to discuss the possible scenarios for accomplishing this work. For work areas, making conex boxes into work enclosures, similar what we did at Puget NSY, or possibly acquiring excessed RAE (Refueling Access Enclosures) from Puget NSY, using the long sleeve with a Mega-Tech cutter (jaws of life), similar to what was used by CH2M for cutting up 45" pump shafts in the past.

CH2M Hill is looking for internal pipe cutting equipment for C-Farm, that can be used to cut 4" PVC, sch 40, 13 feet down inside the tank risers and must be able to retract the cutter blade, after severance of the pipe and remove the cutting tool from the pipe without damaging the upper portion of the PVC pipe liner on the riser. Contacted the usual pipe cutting tool manufactures, with no available tools. Tri-Tool contacted the Center, stating they could manufacture a tool to perform this work. Contact the CH2M engineer with information about Tri-Tool's proposal. Web site at: www.tritool.com .

A RadCon Planner from CH2M came to the Center looking for similar tooling, to cut 4" PVC liner in risers associated with 241AP, cuts to be 20' down the piping, but the piping would all be removed. Discussed the tool information found for C-Farm work. A common tool that would work for this application is a Internal Plastic Pipe Cutter, item # WR4290, distributed by Dean Bennett Supply and Pollardwater Supply. Web site at: www.pollardwater.com . Gave the planner copies of the web site data and operating instructions for the tool.

CH2M Hill held two training sessions for their Rad Work Planner on CH2M AMW's at the Center.

Assisted a contractor person from Fowler, preparing a HEPA filtered ventilation class to be taught to CH2M Hill RadCon Planners. Checked out the Center's copy of the Industrial Ventilation for the instruction class preparation and a copy of the NFR/RPS HEPA Filtered Ventilation Class pamphlet.

4. Had a BHI engineer visit the Center looking for HEPA filtered vacuum cleaners, for their insulators. The vacuums are going to be used on man-lifts and primarily used for clean up and sucking down glove bags following contaminated insulation removal. BHI have in the past used the Nilfisk VT-60, but found then too large in size for the man-lift basket. The BHI engineer took information on the Nilfisk GM-80, a very small unit and information on the local distributor for Nilfisk.

FOR YOUR INFORMATION

Team Concepts visited the Center. They originally visited the Center a couple of months ago and held an informal meeting/presentation with a number of groups at Hanford. Team Concepts is a consulting company that have a number of actual work function groups that have worked at Rocky Flats and a number of other DOE facilities. Major area of expertise is D & D. They presently have some work started at the 300 Area, Hanford.

Project Hanford Lessons Learned: 2005-RL-HNF-0012 "Plastic Burial Box Covers Reduce Injury Potential". This lesson learn might be a good item for your facility. Check it out. (See Attached)

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